

IN THE CLAIMS

Please amend the claims as shown below. The claims, as pending in the subject application, now read as follows:

1. (Currently amended) A power converter for converting an output from a power source having an unstable output voltage, comprising[[:]] a transformer, wherein the transformer comprises:
a primary winding which has two or three turns; and
a converter, arranged to supply DC power supplied from the power source to the transformer by switching the DC power; secondary winding which has more turns than the primary winding to boost thereby boosting the output voltage from the power source by a few ten times by 25 to a few hundred 500 times.
2. (Currently amended) The converter according to claim 1, wherein the converter boosts the output voltage from the power source by 25 to 500 times further comprising a switching circuit which switches DC power supplied from the power source to supply the switched power to the primary winding of the transformer.
3. (Original) The converter according to claim 1, wherein the power source is a solar cell.
4. (Original) The converter according to claim 1, wherein the power source is a single-cell solar cell.

5. (Currently amended) The converter according to claim ~~[[1]]~~ 2, wherein the converter performs switching at a fixed frequency and fixed duty of the switching circuit are fixed.

6. (Currently amended) The converter according to claim 1, further comprising an inverter arranged to convert the output DC power output from the secondary winding of the transformer and rectified by a rectifier converter into AC power by a switching operation which holds the output voltage from the secondary winding converter substantially constant.

7. (Currently amended) An electric power generator comprising:
a power source having an unstable output voltage; and
a power converter cited in claim 1 using a transformer, wherein the transformer comprises:
a primary winding which has two or three turns; and
a secondary winding which has more turns than the primary winding to
boost the output voltage from the power source by 25 to 500 times.

8. (Currently amended) The generator according to claim 7, wherein the generator has the power converters, each of which is said power converter, in number corresponding to a rated output power of the generator.

9. (Original) The generator according to claim 7, further comprising an inverter arranged to convert the output DC power from the converter into AC power by a switching operation which holds the output voltage from the converter substantially constant, thereby generating an output of the generator.

10. (Original) The generator according to claim 7, wherein the generator is interconnected to a commercial power system.

11. (Original) The generator according to claim 7, wherein the power source is a solar cell.

12. (Original) The generator according to claim 7, wherein the power source is a single-cell solar cell.